Silver Shield Power Manager
Mini Silver Shield Power Manager
Silver Shield Power Manager 841
Silver Shield Power Manager S
(With built-in power supply unit)

GEMBIRD®

USER MANUAL

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1. Introduction and features of the SiS-PM/MSiS-PM/SiS-PM-841/SiS-PMS

Congratulations on purchasing the Silver shield Power Manager. Your SiS-PM or SiS-PMS (hereinafter SiS-PM(S)) is an advanced surge protector with power management features. Four sockets are individually manageable from the computer via the USB port interface.

E.g. can be switched on/off, by timer schedule, or triggered by user or different events. It is also possible to pre-program the unit event timer schedule and then disconnect the SiS-PM(S) from the computer (hardware schedule) and use it elsewhere. Additionally the hardware event schedule will work even with the managing computer switched off.

SiS-PM Power manager software has the following main features:

- Manual on and off switching of every socket via the software control window;
- Switching sockets on and off according to the timer schedule of events, typical applications include: “switch my peripherals on every working day at 8:50AM” etc
- Switching sockets on and off when a certain event occurs (Windows or other programs startup/shutdown), typical applications include: “switch my scanner on when I want to scan” or “switch my printer off whenever I exit Windows”
- The unit can be assigned a network name as a shared LAN resource and can afterwards be accessed and managed from anywhere within the local area network.

- Preprogramming of the hardware-based event time schedule. The hardware schedule will work even with the managing computer switched off (for SiS-PM an optional power adapter is required for this function). The unit will keep performing the hardware time schedule even after SiS-PM(S) gets temporarily switched off.
- Voltage monitor
- The software management supports any number of SiS-PM, SiS-PMS and MSiS-PM connected to the computer.
- Management of SiS-PM(S) via the LAN and Internet.
- Command line interface support for user software applications is also possible.

MSiS-PM is a single socket version of SiS-PM

SiS-PMS is an advanced surge protector with power management features. Four sockets are individually manageable from the computer via the USB port interface on the SiS-PMS. E.g. can be switched on/off, by timer schedule, or triggered by user or different on-screen-software events (like: switch on my scanner if I start image editing software, or switch on security lights and alarm when my webcam software detects motion in the image)

It is also possible to pre-program a timer schedule and then disconnect the SiS-PMS from the computer (hardware schedule) and use it else where. This hardware event schedule will work even when the connected computer is switched off. The Built-in transformer of SiS-PMS makes this possible.

SiS-PM-841 lets your external hardware (such as KVM switches *) control SiS-PM-841 sockets, read the voltage being on the sockets through the PM interface.

SiS-PM-841 let's you make a chain with 10 devices connected to one another to be controlled by external hardware (for example - by KVM switches *)

* Supported models of KVM switches: CAS-441-PM, CAS-841-PM

1.1 SIS-PM (Silver Shield Programmable Power Outlet Strip (6 outl/4 programmable) and MSiS-PM (Single socket Silver Shield)

SIS-PM is an advanced surge protector with power management features. Four sockets are individually manageable from the computer via the USB port interface on the SIS-PM.

E.g. can be switched on/off, by timer schedule, or triggered by user or different on-screen-software events (like: switch on my scanner if I start image editing software, or switch on security lights and alarm when my webcam software detects motion in the image)

It is also possible to pre-program a timer schedule and then disconnect the SIS-PM from the computer (hardware schedule) and use it else where. This hardware event schedule will work even when the connected computer is switched off (however, you need a general available 9V/500mA Power supply).

Includes Euro 20000 insurance for attached peripherals.

SiS-PM and MSiS-PM Features

The Power manager software has the following main features:

- Manual switching of every socket on and off from the software control window;
- Switching sockets on and off according to the timer schedule of events, typical applications include: “switch my peripherals on every working day at 8:50AM” etc
- Switching sockets on and off when a certain event occurs (Windows or other programs startup/shutdown), typical applications include: “switch my scanner on when I want to scan” or “switch my printer off whenever I exit Windows”
- The unit can be assigned a network name as a shared LAN resource and can be afterwards accessed and managed from anywhere within the local area network.
- Preprogramming of the hardware-based event time schedule. The hardware schedule will work even with the managing computer switched off provided that the SIS-PM is connected to the optional power adapter. The unit will keep performing the hardware time schedule even when the SIS-PM is temporary switched off.
- Voltage monitor

SiS-PM and MSiS-PM Specifications

- AC sockets: 6 pcs (only 1 socket for MSiS-PM)
- 9V/500mA power adapter (optional for SiS-PM, not included)
- Input voltage 220 – 230 VAC~ 50 – 60 Hz;
- Maximum load current 10A;
- Maximum current consumed by the SIS-PM from the computer USB port - 350mA (for MSiS-PM - 100mA);
- Maximum quantity of SIS-PM and MSiS-PM connected to one computer at the same time – 16 pcs;
- Plug and Play;

1.2 SIS-PM-841 (Silver Shield programmable and remotely manageable power outlet strip)

SIS-PM family is a series of advanced surge protectors with power management features.

Main functions:

Four sockets are individually manageable from the computer via the USB port interface on the SIS-PM.

E.g. can be switched on/off, by timer schedule, or triggered by user or different on-screen-software events (like: switch on my scanner if I start image editing software, or switch on security lights and alarm when my webcam software detects motion in the image)

It is also possible to pre-program a timer schedule and then disconnect the SIS-PM from the computer (hardware schedule) and use it else where. This hardware event schedule will work even when the connected computer is switched off (however, you need a general available 9V/500mA Power supply).

SiS-PM-841 Features

- Manual switching of every socket on and off from the software control window;
- Switching sockets on and off according to the timer schedule of events, typical applications include: “switch my peripherals on every working day at 8:50AM” etc
- Switching sockets on and off when a certain event occurs (Windows or other programs startup/shutdown), typical applications include: “switch my scanner on when I want to scan” or “switch my printer off whenever I exit Windows”
- Allows GEMBIRD CPU switches* to control the sockets remotely
- Can be serial-chained up to 16 pcs and remotely controlled by GEMBIRD CPU switches*
- The unit can be assigned a network name as a shared Internet or LAN resource and can be afterwards accessed and managed from anywhere.
- Preprogramming of the hardware-based event time schedule. The hardware schedule will work even with the managing computer switched off provided that the SIS-PM is connected to the optional

power adapter. The unit will keep performing the hardware time schedule even when the SIS-PM is temporary switched off.

- Voltage monitor

**: GEMBIRD CPU switches with the power management: CAS-441-PM, CAS-841-PM*

SiS-PM-841 Specifications

- 9V/500mA power adapter (optional, not included), required for the preprogrammed hardware-based schedule work
- Power managment interface: RJ45 connectors, 2pcs
- Input voltage 220 – 230 VAC~ 50 – 60 Hz;
- Maximum load current 10A;
- Maximum current consumed by the SIS-PM-841 from the computer USB port - 350mA;
- Plug and Play;

1.3 SIS-PMS (Silver Shield Programmable Power Outlet Strip (built in transformer)

SIS-PMS is an advanced surge protector with power management features. Four sockets are individually manageable from the computer via the USB port interface on the SIS-PMS. E.g. can be switched on/off, by timer schedule, or triggered by user or different on-screen-software events

(like: switch on my scanner if I start image editing software, or switch on security lights and alarm when my webcam software detects motion in the image)

It is also possible to pre-program a timer schedule and then disconnect the SIS-PMS from the computer (hardware schedule) and use it else where. This hardware event schedule will work even when the connected computer is switched off. The Built-in transformer of SIS-PMS makes it possible.

SiS-PMS Features

- The Power manager software has the following main features:
- Manual switching of every socket on and off from the software control window;
- Switching sockets on and off according to the timer schedule of events, typical applications include: “switch my peripherals on every working day at 8:50AM” etc
- Switching sockets on and off when a certain event occurs (Windows or other programs startup/shutdown), typical applications include: “switch my scanner on when I want to scan” or “switch my printer off whenever I exit Windows”
- The unit can be assigned a network name as a shared LAN resource and can be afterwards accessed and managed from anywhere within the local area network.
- Preprogramming of the hardware-based event time schedule. The hardware schedule will work even with the managing computer switched

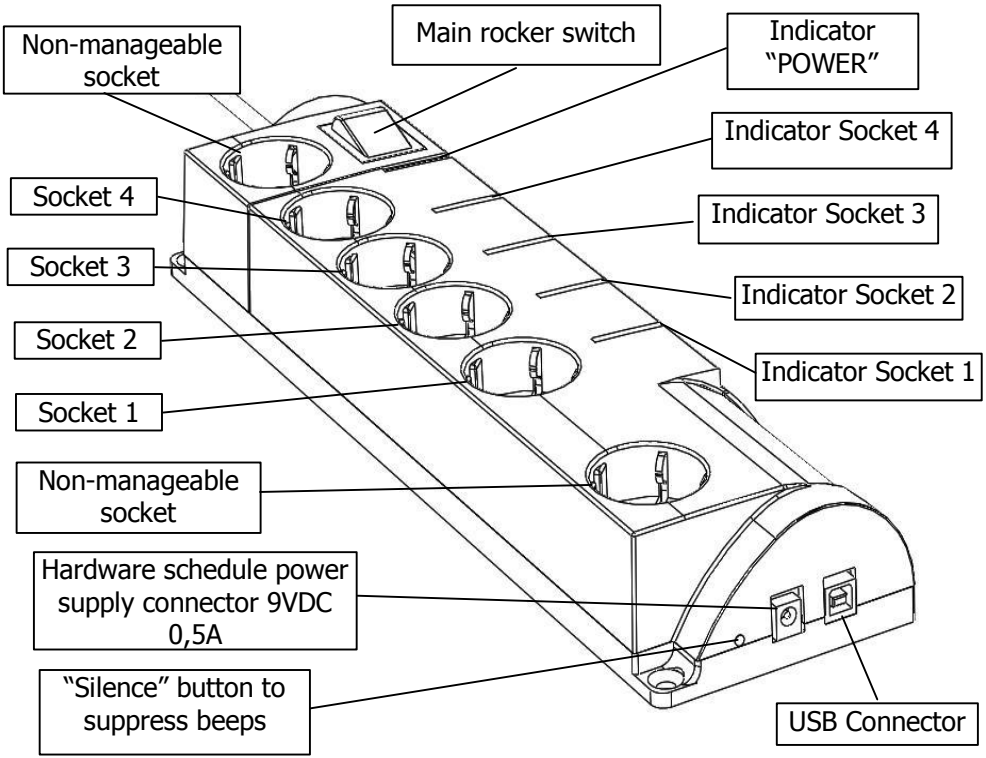
off. The unit will keep performing the hardware time schedule even when the SIS-PMS is temporary switched off.

- Voltage monitor

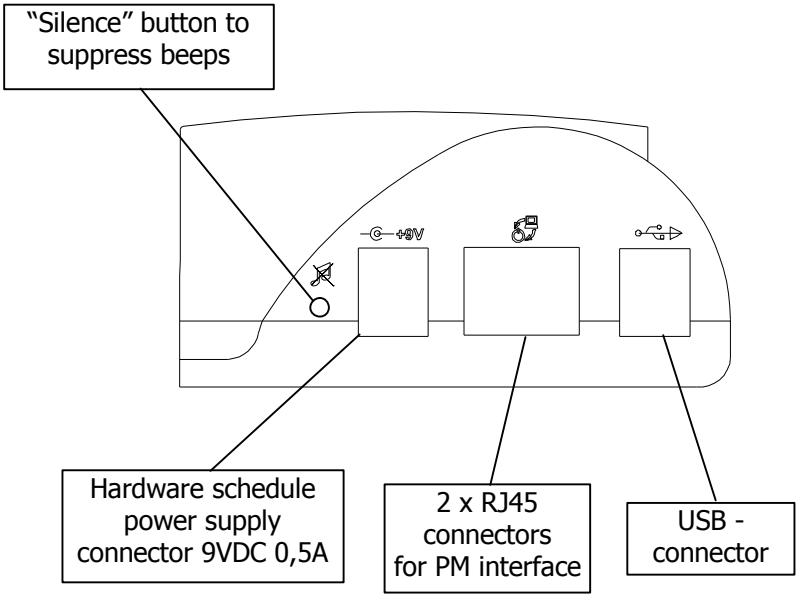
SiS-PMS Specifications

- Input voltage 220 – 230 VAC~ 50 – 60 Hz;
- Maximum load current 10A;
- Maximum current consumed by the SIS-PM from the computer USB port - 350mA;
- Maximum quantity of SIS-PMS connected to one computer at the same time – 16 pcs;
- Plug and Play;

2. Indicators and controls of the SiS-PM or SiS-PMS



3. Side panel with connectors of the SiS-PM-841


"Silence" button to suppress beeps
+9V
Hardware schedule power supply connector 9VDC 0,5A
2 x RJ45 connectors for PM interface
USB - connector

4. Hardware requirements

- IBM compatible personal computer running Windows 98SE, ME, 2000, XP or Vista.
- USB 1.1 or 2.0 port.
- To allow hardware schedule of SiS-PM events to continue working with the managing computer switched off an extra power adapter 9VDC 0,5A is required (optional). SiS-PMS contains the build in power adapter.

5. Package contents

The package contains:

- SiS-PM or SiS-PMS or SiS-PM-841;
- User manual ;
- USB cable;
- CD with software.

6. Installation of SiS-PM(S)

- It is strongly recommended to avoid damp or wet places for installation.
- SiS-PM(S) should be connected to the European AC wall socket of the standard DIN 49 440;
- SiS-PM(S) can be connected to the computer first and then to the power socket or vice-versa.
- It is possible to connect the SiS-PM(S) to the power source via other multi-plugs, surge protectors, voltage regulators or UPS.

7. Connection of other devices to the SiS-PM

- Two (the first and the last) sockets of the SiS-PM(S) are marked with the symbol . These two sockets are switched on and off by means of the main power switch of the SiS-PM(S) and cannot be managed by the computer. It is suggested to use these two sockets to power up the managing computer and the hardware schedule adapter;(Optional for SiS-PM only)
- The sockets: Socket 1, Socket 2, Socket 3 and Socket 4 can be managed or preprogrammed by computer via the USB interface.
- SiS-PM(S) can be used with other multi-plugs and/or surge protectors;

- You are NOT to connect SiS-PM(S) to powerful machines with inductive type of load, for example: welding machines, washing machines, electric drills etc...
- SiS-PM-841 can be connected with CAS-441-PM, CAS-841-PM using CAT-5 cable marked “Straight-Through Cable Pinout (T568B or T568A)” with sockets of PM interface
- To work with CAS-441-PM it needs to set device’s ID = 1. This can be done using the utility software “SiS-PM-841 Configuration Tool” after the device has been connected to PC through the USB-cable. To work with CAS-841-PM it needs to set a unique ID for each connected device, which will be categorically associated with the socket number in CAS-841-PM device.
- You can connect up to 10pcs of CAS-841-PM at the same time. Connect the first device to RJ-45 socket using the cable described above. Both RJ-45 sockets are equal. In this way all devices should be connected in a chain, one SiS-PM-841 to another.

8. Switching SiS-PM(S) on and off, connection to the managing computer

- The SiS-PM(S) should be switched on and off by means of the main rocker switch.(Red Plastic switch)
- To protect electrical installations from possible high current and short circuit the SiS-PM(S) is equipped with the automatic circuit breaker;

- The power voltage for the manageable part of SiS-PM(S) is derived from the USB port of the managing computer, (or when the USB cable is disconnected, from the external power adapter for the SiS-PM and from the build in power adapter for the SiS-PMS).
- If the SiS-PM(S) is switched on then the red indicator "POWER" is lit up. In this case both sockets marked with are now "live" and connected to the power supply;
- The manageable sockets of SiS-PM(S) (marked with Socket numbers) can be connected to or disconnected from the power supply depending on the computer's initiated or preprogrammed events. The current status of each manageable socket is represented by the corresponding indicator. E.g. Red lamp will be lit if socket has power to it.
- SiS-PM-841 sockets can be controlled by PC and by other external device which can support PM-interface, in particular – CAS-441-PM, CAS-841-PM. Supervisory external device can read status(*) of the controlled socket. For detailed information please refer to the user's manual of the connected device.
- The moment the SiS-PM(S) is connected to the working computer via the USB cable an audible beep will be heard indicating that the SiS-PM(S) is operating correctly;
- If you want the hardware event schedule to work with the manageable computer switched off, the optional power adapter 9VDC 0,5A should be connected to one of the sockets marked with the sign , (or into a wall socket),and its VDC connector should be

connected to the corresponding socket +9VDC of the SiS-PM. SiS-PMS contains the build in power adapter.

- Install enclosed software Gembird Power Manager.
- Further follow the software guide instructions (see below).

* Status – means voltage present on the controlled socket.

9. Software installation

a. Insert CD with the software into the computers CD-ROM drive;
b. If for any reason the automatic setup does not work, then open the CD-ROM drive in the My computer window and launch SETUP.EXE from the CD;
c. Follow instructions of the installation software;

10 Power Manager Help

The ***Settings dialog box*** allows you to change settings for the device sockets. You may choose the device and the socket from the "Device" and "Socket" drop down list-boxes.

- It is possible to name and assign a certain icon to the device and socket (for example “Printer” or “Scanner”) using the "Rename" button.
- Check the "Disable device beeper" checkbox to disable the built-in SiS-PM beeper.

- Check the "Show socket switch icon" checkbox if you want to put the icon of the socket into the system tray. Such an icon is a fast way to switch the device connected to the socket on/off or check its status.
- You can also assign a hot key to switch the socket on/off. Check the "Switch ON" and "Switch OFF" checkboxes and specify the hot keys.
- To switch the socket on/off on Windows startup, check the "On Windows startup" checkbox and choose the required action.
- To switch the socket on/off on Windows shutdown, check the "On Windows shutdown" checkbox and choose the required action.
- Check the "When alarm goes on start application" checkbox and click the "Browse" button to select the program which will be launched when the power supply to the socket does not match the required event (i.e. the socket must be on, but there is no power supplied to it yet).
- Check the "When alarm goes off start application" checkbox and click the "Browse" button to select the program, which will be launched after the alarm state (see above) is resolved.
- To manage SiS-PM(S) from the LAN and/or via Internet, press the button "Device sharing...". A dialog box "Device sharing" will appear. Set the checkbox "Share this device via network" if you want to enable the network access to the device. To prevent unauthorized access to the SiS-PM(S) enter the access password in the field "Password". Note: to let SiS-PM(S) work via the network the port 6100 should be open. Contact your LAN administrator for further details.

Using the ***Timer schedule*** dialog box you can create the hardware timer schedule:

- To add a new record, click the "Add" button. The dialog "Add entry" will appear. In the dialog box, specify the required time interval and the action.
- To edit the record, select it and click the "Edit" button or just double click on the entry.
- To remove the record, select it and click the "Remove" button. You can select multiple entries using Ctrl and shift keys. You can also remove all entries from the schedule by clicking the "Clear" button.
- To repeat your event (for example if you want to perform the same events every day) use the "Loop" button and specify the loop time period in the "Edit loop period" dialog.
- After the schedule record has been created, click the "Apply" button to apply the hardware timer schedule changes. In case of the wrong entries, they will be highlighted and an error message will appear. Click the "Apply" button again after correcting all the errors.

Hint: Use the popup menu which can be activated by a right mouse button click on the table.

The following rules apply for creating a correct schedule:

1. The event time should not be expired.(Date or time must be a future event)
2. There should be no duplicate entry with the same parameters.
3. The total quantity of records should not exceed 16.
4. The interval between the present time and the latest entry should not exceed 180 days.
5. The loop period should exceed the interval between the first and the last entry with at least one minute. If the event time of the first record is after 45 days from the present time, the loop period should also not exceed the difference between the time of the first entry and the present time plus 45 days.
6. Loop period should not exceed 180 days.
7. It is also possible that the total quantity of the records would be less than 16. Each loop time interval greater than 11.3 days decreases the maximum quantity of entries by one.
8. Without loop the total schedule time interval should not exceed 215 days.

Timer schedule is paused when the SiS-PM (or SiS-PM-841) is without current (when the external power adapter is not connected to SiS-PM or to SiS-PM-841). **The SiS-PMS has a built-in power adapter** and the schedule will be paused when the rocker switch is in Off position. After restoring the power supply, the schedule will be delayed on the period, during which the power supply was absent. There are two ways to compensate this delay:

1. Press “Silence” button once to turn the silence mode On. Then press this button again as many times as the amount of minutes, during which the device was without current. This way compensates schedule delay accurately within a minute.

2. Create a new actual schedule using ‘**Timer schedule**’ dialog box.

Using the ***Switching tasks*** dialog you can create the software events schedule:

- To add a new task, click the "Add" button. The "Add task" dialog will appear. In the "Add task" dialog, check "Switch ON time" and/or "Switch OFF time" checkboxes and specify the time to switch the socked on and/or off. If you want the same event to be performed periodically, check "Perform every" checkbox and specify the time interval. You can also add remarks about the task in the "Comment" field. To disable the task, uncheck the "Enabled" checkbox and to enable the task again, re-check the checkbox.
- To edit the task, select it and click the "Edit" button or just double click on the task.
- To remove the task select it and click the "Remove" button. You may select multiple tasks using ctrl and shift keys. You can also remove all tasks by clicking the "Clear" button.

Hint: Use the popup menu which can be activated by a right mouse button click on the table.

Using the ***Application events*** dialog box you can specify events with the sockets when a certain application is initiated or closed down. You can also assign folders with the sockets to watch for particular file placing and removal.

- To add a new program event, click the "Add app" button. The "Add program event" dialog will appear. Specify the application title and path to it using the "Browse" button or typing it manually in the "Title" and "Path name" fields. If you use the "Browse" button you can also specify a link to the application. The application title and path name will be taken from the link if possible. After you have specified the application, check "On run" and/or "On exit" and select the event. Note: The socket is switched on/off only when the first window of the selected application is launched or when the last window of the application is closed. For example, you can switch the ADSL modem on/off when Internet Explorer is started up or closed. To disable the task, uncheck the "Enabled" checkbox, to enable the task set the checkbox again.
- To add a new file event, click the "Add folder" button. The "Add file event" dialog will appear. Specify the event title and path folder you would like to look into for files using the "Browse" button or typing it manually in the "Title" and "Path name" fields. Specify the "File name" mask using wildcard characters: "*", "?". After you have specified the folder and file name, check "On placing" and/or "On removal" and select

the event and/or delay. Note: The socket is switched on/off only when the first file is placed and the last file is removed from the folder. To disable the task, uncheck the "Enabled" checkbox, to enable the task set the checkbox again.

- To edit the event, select it and click the "Edit" button, or just double click on the event.
- To remove the event, select it and click the "Remove" button. You can select multiple events using ctrl and shift keys. You can also remove all events by clicking the "Clear" button.

Hint: Use the popup menu which can be activated by the right mouse button click over the table.

Hint: Use "Add folder" button to assign "systemroot\\system32\\spool\\printers" folder to start managing your printer.

Hint: If you have several printers connected to the same computer it would be convenient to move default spool directory of each printer to a separate location.

Network devices

The dialog box ***Network Devices*** allows connection to the shared SiS-PM(S) from remote computers.

- To add a new remote SiS-PM, press "Add" button. You will see the dialog box "Add network device". Enter the network name of the computer, connected to the SiS-PM in the field "Hostname". Enter the name of the target SiS-PM in the field "Device name". Enter access password in the field "Password". To disconnect from the device uncheck the option "Enable", set this option on again to regain access. To locate the shared device in your local network, click the button "Find". A dialog box "Find network device" will appear. Choose the computer by using the mouse double-click and then the device and click "OK" button.

- To edit the network device, select it and click the "Edit" button, or just double click on the network device.

- To remove the network device, select it and click the "Remove" button. You can select multiple network devices using ctrl and shift keys. You can also remove all network devices by clicking the "Clear" button.

Hint: Use the popup menu which can be activated by the right mouse button click on the table.

Command line interface

To let people switch sockets from the user applications the following command line interface syntax is supported:

- pm.exe -[on | off] -device name -socket name

Examples:

- "C:\Program Files\Gembird\Power Manager\pm.exe" -on -sis-pm -socket1
- "E:\Utils\PM3\pm.exe" -off -my sis-pm -table lamp

Execute pm.exe with -info key to get the complete information on current device status. For each of the connected devices the following information is provided and available from Info.ini file in the PowerManager folder:

- DeviceName - the user specified device name;
- Socket#name, where # is replaced by a certain socket number - the user specified socket name;
- Socket#SwitchState, where # is replaced by a certain socket number - TRUE, when the socket is switched on, FALSE, when the socket is switched off;
- Socket#VoltageState, where # is replaced by a certain socket number - TRUE, when voltage presence on the socket is detected, FALSE, when there is no voltage on the socket;

Example: pm.exe -info

Note: Each use of this command line option totally overrides the data in Info.ini file.

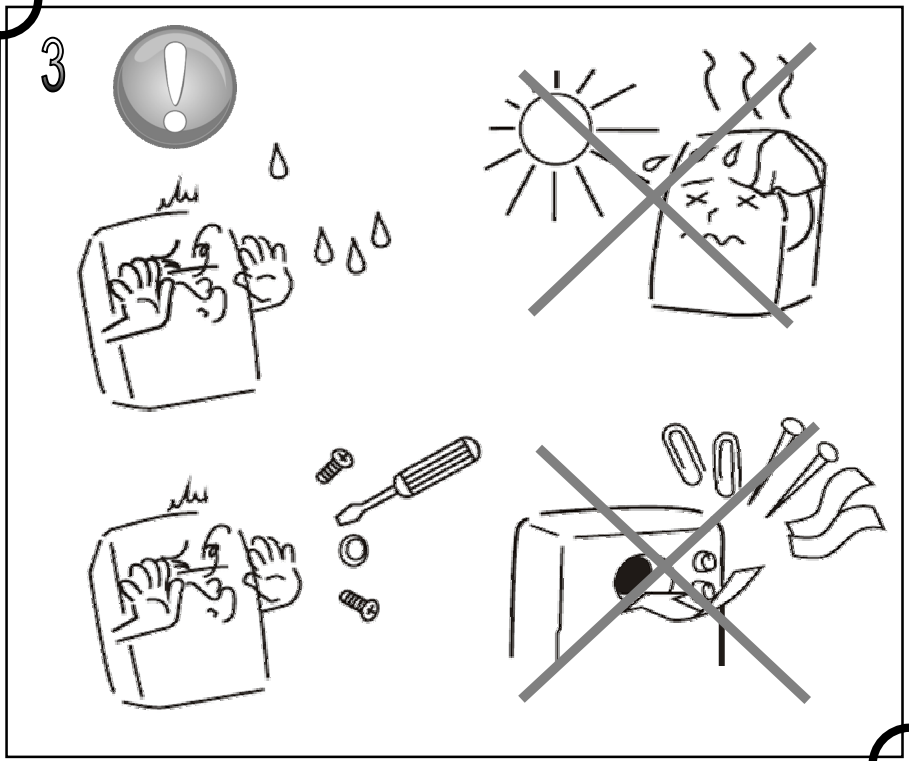
Note: Power Manager should be launched.

11. Audible beeps and indicators

- Long beep – will be heard after the SiS-PM is connected to the computer USB port after the self test;
- Short beep – will be heard by switching of the manageable sockets on and off;
- Continuing beeps – hardware event schedule is lost – for example if the power supply was disrupted for a long period. These beeps can be stopped by pressing the Silence button on the side of the SiS-PM(S);
- Alarm beep – will be heard if the managing command cannot be completed. For example if there is a command to switch the socket on but SiS-PM is disconnected from the power supply. The alarm will be heard every second for a minute, after that every 8 seconds.
- Indicator “POWER” is on - means there is power on the sockets marked with the sign ;
- Indicator “Socket x” is on – means there is power in this particular socket
- Main rocker switch is light up – means SiS-PM(S) is connected to the power supply and the SiS-PM(S) is active.

12. Troubleshooting

Problem	Solution
The circuit breaker is activated (tripped).	The load connected to the unit is too high, some of the devices connected to the SiS-PM(S) should be disconnected and the circuit breaker should be reset.
The switching command is not carried out, the rocker switch and indicators are not lit up, the alarm beep is heard	There is no power supply to the SiS-PM(S). Please, make sure the SiS-PM(S) is connected to the power supply and the rocker switch is switched on
Software reports "Device I/O request error."	Check if SiS-PM(S) is properly connected to your computer, check if the USB connectors/cables are not damaged. If you use a USB hub, make sure it is not defective.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WALTEK SERVICES

Declaration of Compliance

The following product has been tested by us with the listed standards and found in compliance with the European directive LVD 73/23/EEC amended by 93/68/EEC. It is possible to use CE marking to demonstrate the compliance with this LVD Directive.

Reference No.: WT05121031

APPLICANT: Gembird Electronics Ltd.
Room 1709, News Building, #2 Shennan Zhong Lu, Shenzhen, China

MANUFACTURER: GEMBIRD ELECTRONICS (ZHUHAI) CO.,LTD.
5 Floor, Building 1, Pingdong Road 2#. Nanping Industry Park, Zhuhai Guangdong, China

TYPE OF EQUIPMENT: Socket with surge protection

MODEL NO.: SIS-PMx

TECHNICAL DATA: 220-250V, 10A

Test Standards:
IEC 60884-1: 2002
Plugs and socket-outlets for household and similar purposes
Part 1: General requirements

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the above listed EU Directive(s).
Other relevant Directives have to be observed.

After preparation of the necessary technical documentation as well as the conformity declaration the CE marking as shown below can be affixed on the equipment.

CE

WALTEK VERIFICATION

Manager
Date: Apr 14, 2006

The statement is based on a single evaluation of one sample of above mentioned products. It does not imply an assessment of the whole production.

Add: 8C,West Tower,Aidi Building,No.5003 Binhe Rd,Futian District,Shenzhen,China.
Tel: 86-755-83551033 83551756 Fax: 86-755-83552400
Http:// www.waltek.com.cn E-mail: info@waltek.com.cn

WALTEK SERVICES

Declaration of Compliance

The following product has been tested by us with the listed standards and found in compliance with the European Electromagnetic Compatibility Directive 89/336/EEC. It is possible to use CE marking to demonstrate the compliance with this EMC Directive.

Reference No.: WT05121033

Applicant: Gembird Electronics Ltd.
Room 1709, News Building, #2 Shennan Zhong Lu, Shenzhen, China

Manufacturer: GEMBIRD ELECTRONICS (ZHUHAI) CO., LTD.
5 Floor, Building 1, Pingdong Road 2#, Nanping Industry Park, Zhuhai Guangdong, China

Type of equipment: Socket with surge protection

Model No.: SIS-PMx

Technical Data: Input: 220-250V AC, 50Hz

Test Standards:
EN 55022:1998+A2:2003
EN 55024:1998+A2:2003
EN 61000-3-2:2000+A2:2005
EN 61000-3-3:1995 +A2:2005
EN55022: Information technology equipment—Radio disturbance characteristics—Limits and methods of measurement
EN55024: Information technology equipment—Immunity characteristics—Limits and methods of measurement
EN 61000-3-2: Electromagnetic Compatibility (EMC)Part 3-2:Limits for harmonic current emissions(Equipment inputcurrent up to and including 16A per phase).
EN 61000-3-3: Electromagnetic Compatibility (EMC) Part 3-3: Limitation of voltage supply systems for equipment with rated current≤16A.

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the above listed EU Directive(s). Other relevant Directives have to be observed

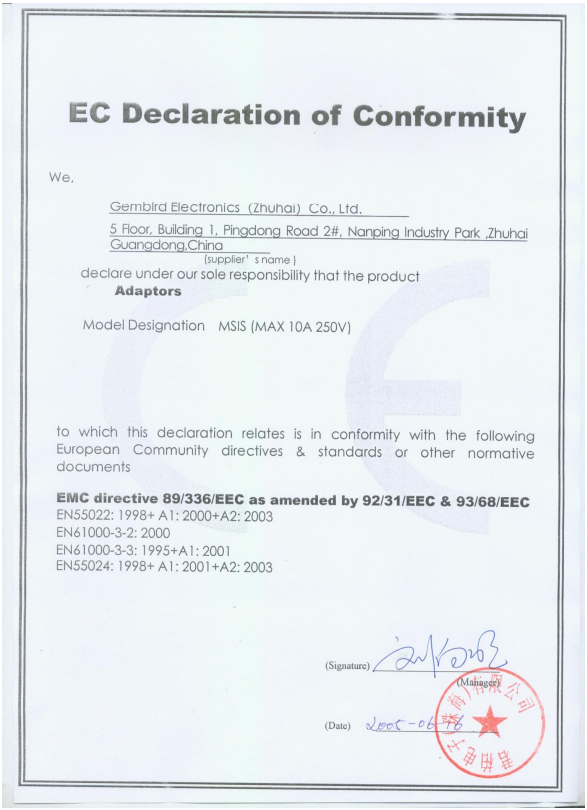
After preparation of the necessary technical documentation as well as the conformity declaration the CE marking as shown below can be affixed on the equipment.

CE

Manager
Date：Apr. 4, 2006

The statement is based on a single evaluation of one sample of above mentioned products. It does not imply an assessment of the whole production.

Add: 8C,West Tower,Aidi Building,No.5003 Binhe Rd,Futian District,Shenzhen,China.
Tel: 86-755-83551033 83551756 Fax: 86-755-83552400
Http:// www.waltek.com.cn E-mail: info@waltek.com.cn



EC Declaration of Conformity

We,

Gembird Electronics (Zhuhai) Co., Ltd.

5 Floor, Building 1, Pingdong Road 2#, Nanping Industry Park ,Zhuhai Guangdong,China

(supplier' s name)

declare under our sole responsibility that the product

Adaptors

Model Designation MSIS (MAX 10A 250V)

to which this declaration relates is in conformity with the following European Community directives & standards or other normative documents

EMC directive 89/336/EEC as amended by 92/31/EEC & 93/68/EEC

EN55022: 1998+ A1: 2000+A2: 2003
EN61000-3-2: 2000
EN61000-3-3: 1995+A1: 2001
EN55024: 1998+ A1: 2001+A2: 2003

(Signature)

(Manager)

(Date) 2005-06-18

Certificate of Conformity

EMC directive 89/336/EEC as amended by 92/31/EEC & 93/68/EEC

Certificate No.: EMC05037

Certificate Holder: Gembird Electronics (Zhuhai) Co., Ltd.

Address: 5 Floor, Building 1, Pingdong Road 2#, Nanping Industry Park ,Zhuhai Guangdong,China

This is to certify the following product of the certificate holder:

Product: Adaptors

Type: MSIS (MAX 10A 250V)

comply with the following standards:

EN55022: 1998+ A1: 2000+A2: 2003
EN61000-3-2: 2000
EN61000-3-3: 1995+A1: 2001
EN55024: 1998+ A1: 2001+A2: 2003

Reference Report No.: GR05078

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Certificate Holder's disposal. This is to certify that the tested sample is in conformity with above mentioned Directive. This certificate does not imply assessment of the series-production of the product. The holder of the certificate is authorized to use this certificate in connection with the holder's EC declaration of conformity.

Date of issue: 2005-06-06

Signature: Lin Zhili
LIN Zhili

The CE marking may be used if all relevant and effective EC Directive are complied with.

Authonized:ELA140

GUANGZHOU ELECTRICAL SAFETY TESTING INSTITUTE (CEST) No. 6, Haichengdong Street, Xingangdong Road, Haizhu District, Guangzhou, 510330, P.R.China Tel: 86-20-89232852 Fax: 89232876 Website: www.cest.cn Email: cest@cest.cn

WALTEK SERVICES

Declaration of Compliance

The following product has been tested by us with the listed standards and found in compliance with the European directive LVD 73/23/EEC amended by 93/68/EEC. It is possible to use CE marking to demonstrate the compliance with this LVD Directive.

Reference No.: WT05121031

APPLICANT: Gembird Electronics Ltd.
Room 1709, News Building, #2 Shennan Zhong Lu, Shenzhen, China

MANUFACTURER: GEMBIRD ELECTRONICS (ZHUHAI) CO.,LTD.
5 Floor, Building 1, Pingdong Road 2#, Nanping Industry Park, Zhuhai Guangdong, China

TYPE OF EQUIPMENT: Socket with surge protection

MODEL NO.: SIS-PMx

TECHNICAL DATA: 220-250V, 10A

Test Standards:
IEC 60884-1: 2002
Plugs and socket-outlets for household and similar purposes
Part 1: General requirements

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the above listed EU Directive(s). Other relevant Directives have to be observed.

After preparation of the necessary technical documentation as well as the conformity declaration the CE marking as shown below can be affixed on the equipment.

CE

Manager
Date：Apr 14, 2006

The statement is based on a single evaluation of one sample of above mentioned products. It does not imply an assessment of the whole production.

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WALTEK SERVICES

Declaration of Compliance

The following product has been tested by us with the listed standards and found in compliance with the European Electromagnetic Compatibility Directive 89/336/EEC. It is possible to use CE marking to demonstrate the compliance with this EMC Directive.

Reference No.: WT05121033

Applicant: Gembird Electronics Ltd.
Room 1709, News Building, #2 Shennan Zhong Lu, Shenzhen, China

Manufacturer: GEMBIRD ELECTRONICS (ZHUHAI) CO., LTD.
5 Floor, Building 1, Pingdong Road 2#, Nanping Industry Park, Zhuhai Guangdong, China

Type of equipment: Socket with surge protection

Model No.: SIS-PMx

Technical Data: Input: 220-250V AC, 50Hz

Test Standards:
EN 55022:1998+A2:2003
EN 55024:1998+A2:2003
EN 61000-3-2:2000+A2:2005
EN 61000-3-3:1995 +A2: 2005
EN55022: Information technology equipment—Radio disturbance characteristics—Limits and methods of measurement
EN55024: Information technology equipment—Immunity characteristics—Limits and methods of measurement
EN 61000-3-2: Electromagnetic Compatibility (EMC)Part 3-2:Limits for harmonic current emissions(Equipment inputcurrent up to and including 16A per phase).
EN 61000-3-3: Electromagnetic Compatibility (EMC) Part 3-3: Limitation of voltage supply systems for equipment with rated current≤16A.

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the above listed EU Directive(s). Other relevant Directives have to be observed

After preparation of the necessary technical documentation as well as the conformity declaration the CE marking as shown below can be affixed on the equipment.

CE

Manager
Date：Apr. 4, 2006

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Add: 8C,West Tower,Aidi Building,No.5003 Binhe Rd,Futian District,Shenzhen,China.
Tel: 86-755-83551033 83551758 Fax: 86-755-83552400
Http:// www.waltek.com.cn E-mail: info@waltek.com.cn

EC Declaration of Conformity

We hereby certify that the following product complies with all the relevant
Safety Requirements of § 4 EMVG and of the Directives 2006/95/EC; 93/68/EEC and 2004/108/EC.

Applicant :	**Gembird Europe BV** **Wittevrouwen 56,** **1358CD, Almere, The Netherlands**
Equipment :	**Computer parts**
Model Nos. :	**SIS-PM-841**
Product description :	**SIS-PM-841 Silver Shield programmable and remotely manageable power outlet strip**

European standards:

EN55022:2006; EN55024:1998+A1:2001+A2:2003; EN61000-3-2:2000+ A2:2005; EN61000-3-3:1995+A1:2001+A2:2005;

The following manufacturer/WITHIN Europe is responsible for this declaration:

Gembird Europe BV
Wittevrouwen 56, 1358CD, Almere, The Netherlands
Tel: +31-(0)36-5211588. Fax: +31-(0)36-5347835

Director

The Netherlands / Feb. 18, 2009
Place and Date

Authorized signature

WALTEK SERVICES

Declaration of Compliance

The following product has been tested by us with the listed standards and found in compliance with the European directive LVD 73/23/EEC amended by 93/68/EEC. It is possible to use CE marking to demonstrate the compliance with this LVD Directive.

Reference No.: WT05121031

APPLICANT: Gembird Electronics Ltd.
Room 1709, News Building, #2 Shennan Zhong Lu, Shenzhen, China

MANUFACTURER: GEMBIRD ELECTRONICS (ZHUHAI) CO.,LTD.
5 Floor, Building 1, Pingdong Road 2#, Nanping Industry Park, Zhuhai Guangdong, China

TYPE OF EQUIPMENT: Socket with surge protection

MODEL NO.: SIS-PMx

TECHNICAL DATA: 220-250V, 10A

Test Standards:
IEC 60884-1: 2002
Plugs and socket-outlets for household and similar purposes
Part 1: General requirements

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the above listed EU Directive(s).
Other relevant Directives have to be observed.

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CE

Manager
Date: Apr 14, 2006

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WALTEK SERVICES

Declaration of Compliance

The following product has been tested by us with the listed standards and found in compliance with the European Electromagnetic Compatibility Directive 89/336/EEC. It is possible to use CE marking to demonstrate the compliance with this EMC Directive.

Reference No.: WT05121033

Applicant: Gembird Electronics Ltd.
Room 1709, News Building, #2 Shennan Zhong Lu, Shenzhen, China

Manufacturer: GEMBIRD ELECTRONICS (ZHUHAI) CO., LTD.
5 Floor, Building 1, Pingdong Road 2#, Nanping Industry Park, Zhuhai Guangdong, China

Type of equipment: Socket with surge protection

Model No.: SIS-PMx

Technical Data: Input: 220-250V AC, 50Hz

Test Standards:
EN 55022:1998+A2:2003
EN 55024:1998+A2:2003
EN 61000-3-2:2000+A2:2005
EN 61000-3-3:1995 +A2:2005

EN55022: Information technology equipment—Radio disturbance characteristics—Limits and methods of measurement
EN55024: Information technology equipment—Immunity characteristics—Limits and methods of measurement
EN 61000-3-2: Electromagnetic Compatibility (EMC)Part 3-2:Limits for harmonic current emissions(Equipment inputcurrent up to and including 16A per phase).
EN 61000-3-3: Electromagnetic Compatibility (EMC) Part 3-3: Limitation of voltage supply systems for equipment with rated current≤16A.

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Date：Apr. 4, 2006

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Http:// www.waltek.com.cn E-mail: info@waltek.com.cn

WARRANTY CONDITIONS	GARANTIE BEDINGUNGEN
The warranty period is 36 months and begins with the sale to the end user. The receipt must clearly list the date of purchase and the part number, in addition it should be printed. Keep the receipt for the entire warranty period since it is required for all warranty claims. During the warranty period the defective items will be credited, repaired or replaced at the manufacturer's expense. Work carried out under the warranty neither extends the warranty period nor starts a new warranty period. The manufacturer reserves the right to void any warranty claim for damages or defects due to misuse, abuse or external impact (falling down, impact, ingress of water, dust, contamination or break). Wearing parts (e.g. rechargeable batteries) are excluded from the warranty. Upon receipt of the RMA goods, Gembird Europe B.V. reserves the right to choose between replacement of defective goods or issuing a credit note. The credit note amount will always be calculated on the basis of the current market value of the defective products	Die Garantie beträgt 36 Monate ab Verkaufsdatum an den Endverbraucher. Das Kaufdatum und der Gerätetyp sind durch eine maschinell erstellte Kaufquittung zu belegen. Bitte bewahren Sie Ihren Kaufbeleg daher für die Dauer der Garantie auf, da er Voraussetzung für eine eventuelle Reklamation ist. Innerhalb der Garantiezeit werden alle Mängel, wahlweise durch den Hersteller entweder durch Instandsetzung, Austausch mangelhafter Teile oder im Austausch, behoben. Die Ausführung der Garantieleistung bewirkt weder eine Verlängerung noch einen Neubeginn der Garantiezeit. Eine Garantieleistung entfällt für Schäden oder Mängel die durch unsachgemäße Handhabung oder durch äußere Einwirkung (Sturz, Schlag, Wasser, Staub, Verschmutzung oder Bruch) herbeigeführt wurden. Verschleißteile (z.B. Akkus) sind von der Garantie ausgenommen.
Gembird Europe B.V. Wittevrouwen 56, 1358CD Almere The Netherlands www.gembird.nl/support support@gmb.nl Tel. +31-36-5211588 (0900-4362473 inside The Netherlands, € 0,15 p/m, mobile costs not included)	Gembird Deutschland GmbH Overweg 27, 59494 Soest Deutschland www.gembird.de/support support@gembird.de Tel. +49-180 5-436247 €0,14 aus dem deutschen Festnetz. Mobilfunkpreise können abweichen

GARANTIE VOORWAARDEN	CONDITIONS DE GARANTIE
De garantietermijn bedraagt 36 maanden en gaat in op de aankoopdatum van het product door de eindgebruiker. Op de aankoopbon moeten de aankoopdatum en productomschrijving duidelijk vermeld staan. Gelieve de aankoopbon de gehele garantieperiode te bewaren, deze is ten alle tijden benodigd voor alle garantie aanspraken. Tijdens de garantieperiode zullen alle gebreken verholpen of vervangen worden door de fabrikant d.m.v. reparatie, omruiling van het defecte onderdeel of het gehele apparaat. Aanspraken tijdens de garantieperiode leiden niet tot verlenging hiervan. Garantieaanspraak vervalt bij schade of gebreken die ontstaan zijn door oneigenlijk gebruik, misbruik of invloeden van buitenaf (vallen, stoten, water, stof, vuil of breken). Slijtagegevoelige onderdelen (b.v. batterijen) zijn uitgesloten van garantie. Bij ontvangst van de RMA goederen behoudt Gembird zich het recht om te kiezen tussen vervanging van de defecte waren of het uitgeven van een kreditnota. Het bedrag van de kreditnota zal altijd gecalculeerd zijn op basis van de huidige marktprijs voor het defecte produkt.	Garantie est de 36 mois a partir de la date d'achat de l'utilisateur final. Le talon de garantie doit énumérer clairement la date d'achat et le type d'appareil. Conservez le reçu d'achat pendant toute la durée de la garantie car elle est nécessaire pour toute réclamation. Au cours de la période de garantie tous les défauts doivent être remplacé aux frais du fabricant, soit par la réparation ou la remplacement de la pièce défectueuse ou l'ensemble du produit. Les travaux effectués sous garantie ne prolongent pas la période de garantie ni ne commencent pas une nouvelle période de garantie. Le fabricant se réserve le droit d'annuler toute demande de garantie pour les dommages ou défauts dus à une mauvaise utilisation, abus ou les effets externes (chute, choc, pénétration de l'eau, la poussière, etc..). Les pièces d'usure (par exemple les piles rechargeables) sont exclus de la garantie. Dès réception de la marchandise sous garantie, le SAV de Gembird Europe BV se réserve le droit de choisir entre le remplacement des produits défectueux ou de délivrer un avoir. Le montant d'avoir sera toujours calculée sur la base de la valeur actuelle du marché des produits défectueux.
Gembird Europe B.V. Wittevrouwen 56, 1358CD Almere The Netherlands www.gembird.nl/support support@gmb.nl Tel. 0900-4362473 € 0,15 p/m binnen Nederland Exclusief mobiele telefoonkosten	Gembird Europe B.V. Wittevrouwen 56 1358CD Almere, The Netherlands www.gembird.nl/support support@gmb.nl Tel. +31 (0)900 4362473 Prix d'appel depuis telephone fixe Pays-Bas : 0.15 euro / min Prix d'appel depuis telephone mobile / autre pays - selon operateur

ГАРАНТИЙНЫЙ ТАЛОН	УМОВИ ГАРАНТІЙНОГО ОБСЛУГОВУВАННЯ
1. Гарантийное обслуживание предоставляется в течение срока гарантии, при наличии правильно и четко заполненного гарантийного талона, и изделия в полной комплектации. Серийный номер и модель изделия должны соответствовать указанным в гарантийном талоне. 2. Гарантийное обслуживание представляет собой бесплатное устранение всех неполадок (ремонт), или замену изделия на новое (аналогичное). 3. Гарантия не распространяется на неисправности, вызванные следующими причинами: • использование изделия не по назначению. • нарушение условий эксплуатации, хранения или перевозки изделия, которые указаны в настоящей инструкции. • подключение нестандартных или неисправных периферийных устройств, аксессуаров. • механические повреждения, попадание внутрь изделия посторонних предметов, веществ, жидкостей, насекомых. • ремонт изделия не уполномоченными на то лицами. 4. Комплектность и внешний вид изделия проверяются Покупателем при получении товара в присутствии персонала фирмы. Послепродажные претензии по укомплектованности и внешнему виду не принимаются.	1. Гарантійне обслуговування надається протягом терміну гарантії, при наявності Гарантійного талону, заповненого належним чином, та виробу в повній комплектації. 2. Гарантійне обслуговування не підтримується в разі порушення правил експлуатації, зберігання або перевезення виробу, що зазначені в інструкції по експлуатації виробу. 3. Гарантійне обслуговування скасовується у випадках: - наявності механічних пошкоджень або слідів стороннього втручання; - пошкодження викликані стихійним лихом або нещасним випадком, включаючи й блискавку, потраплянням у виріб сторонніх предметів, рідин, комах, тощо; - пошкодження викликані застосуванням або підключенням нестандартних або несправних периферійних пристроїв, аксесуарів; 4. Гарантія не поширюється на витратні матеріали та додаткові аксесуари; З гарантійними умовами згоден.
Наименование изделия: _____	Підпис покупця: _____
Модель _____	ГАРАНТІЙНИЙ ТАЛОН № _____
Серийный номер _____	Товар/модель _____
Срок гарантии _____	Серійний номер _____
Дата продажи «____» _____ 20____ года	Термін гарантії _____
Фирма-продавец: _____ Адрес и телефон фирмы-продавца: _____	Дата продажу _____ Продавець (назва, телефон) _____ Печатка та підпис продавця _____
М.П. С условиями гарантии ознакомлен и согласен: Продавец: _____ Покупатель: _____	З гарантійних питань звертайтесь до сервісних центрів Gembird. Про адреси та контакти Ви можете дізнатись на сайті www.gembird.ua або по телефону 044-4510213.